

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125018.D
 Acq On : 10 Aug 2021 00:18
 Operator : JU/CG
 Sample : M3308-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-325

Quant Time: Aug 10 04:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

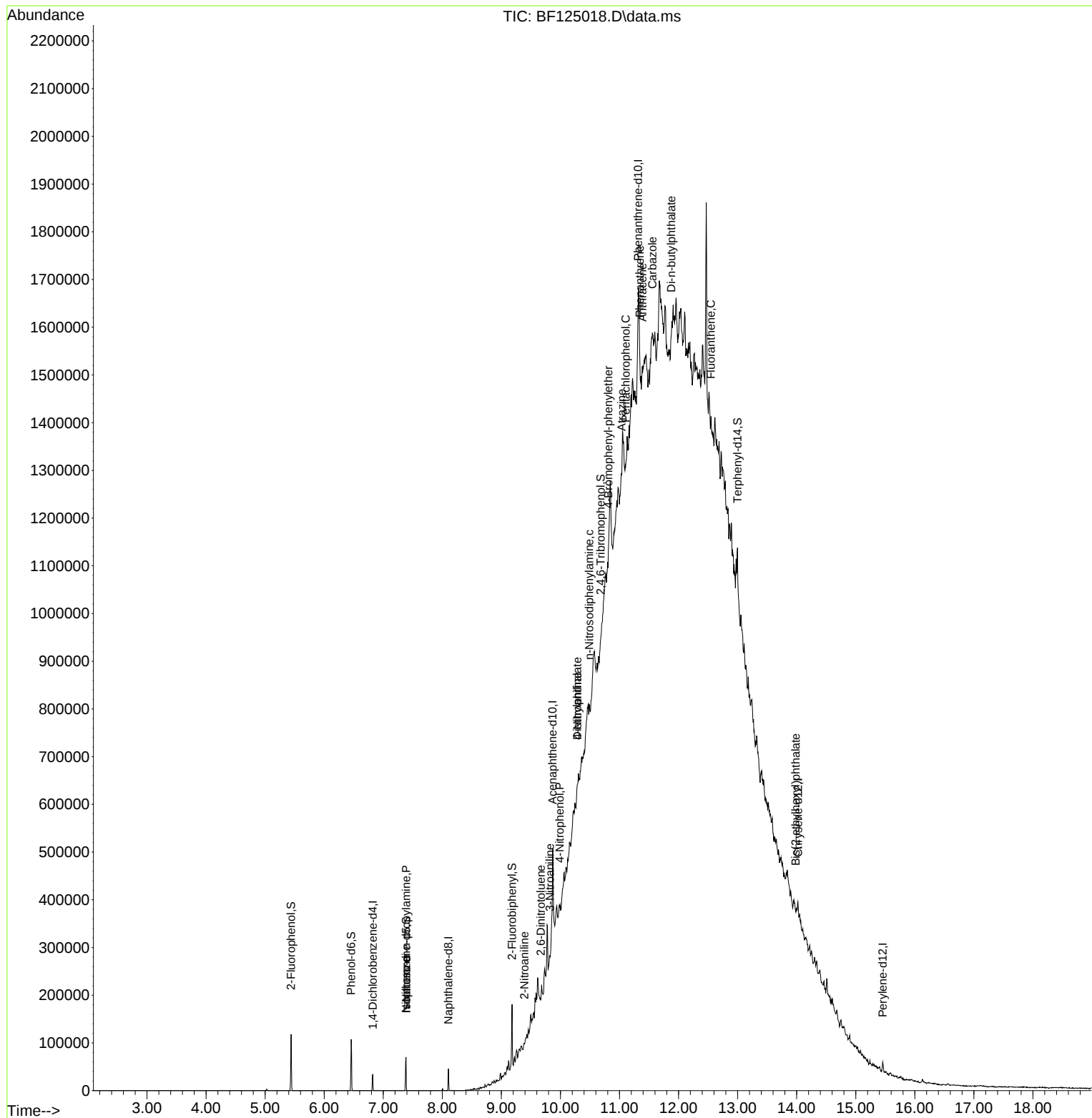
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5149	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	17773	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	8368	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	782	20.00	ng	#-0.03
76) Chrysene-d12	14.021	240	11513	20.00	ng	0.04
86) Perylene-d12	15.457	264	8090	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	27027	85.98	ng	0.00
7) Phenol-d6	6.457	99	32067	80.91	ng	0.00
23) Nitrobenzene-d5	7.386	82	20239	59.57	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	5360	71.70	ng	0.03
45) 2-Fluorobiphenyl	9.180	172	32670	57.13	ng	0.00
79) Terphenyl-d14	12.998	244	29474	43.18	ng	0.07
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	2811	11.95	ng	# 59
25) Isophorone	7.386	82	20238	34.90	ng	# 59
48) 2-Nitroaniline	9.392	65	654	4.49	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	816	6.46	ng	# 26
53) 3-Nitroaniline	9.822	138	564	4.24	ng	# 31
56) 4-Nitrophenol	9.986	139	289	3.30	ng	# 1
60) Diethylphthalate	10.286	149	1692	2.91	ng	# 41
62) 4-Nitroaniline	10.286	138	1857	14.38	ng	82
66) n-Nitrosodiphenylamine	10.486	169	234	9.23	ng	# 31
67) 4-Bromophenyl-phenylether	10.810	248	1593	185.99	ng	# 1
69) Atrazine	11.039	200	174	22.85	ng	# 1
70) Pentachlorophenol	11.104	266	126	30.91	ng	# 2
71) Phenanthrene	11.345	178	184	4.34	ng	# 1
72) Anthracene	11.386	178	469	11.02	ng	# 1
73) Carbazole	11.557	167	380	9.74	ng	# 1
74) Di-n-butylphthalate	11.874	149	987	19.90	ng	# 33
75) Fluoranthene	12.545	202	495	11.28	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	3073	5.49	ng	# 88

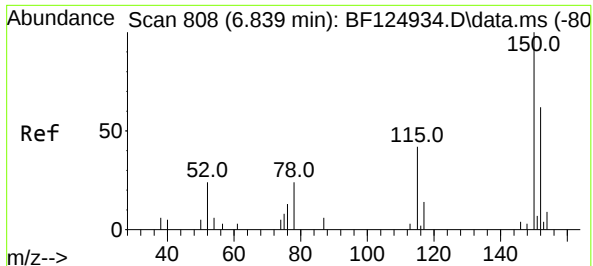
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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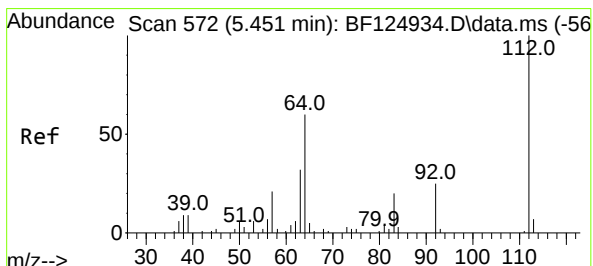
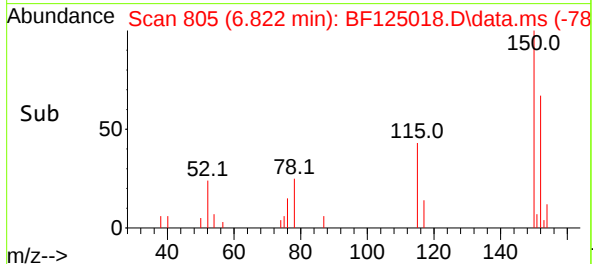
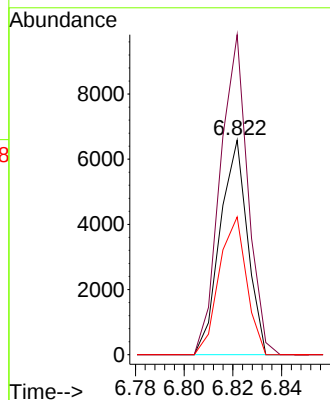
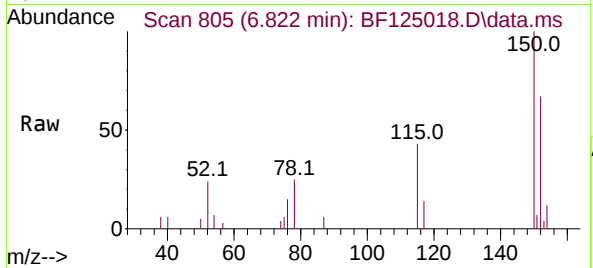




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

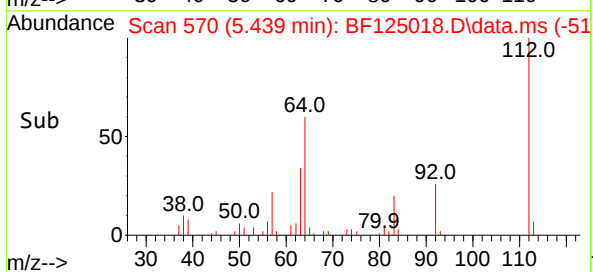
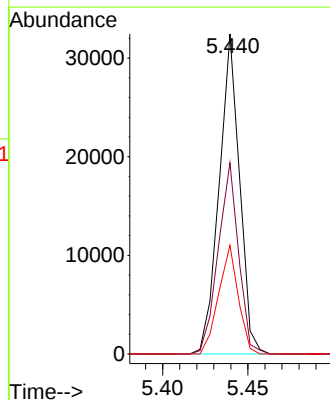
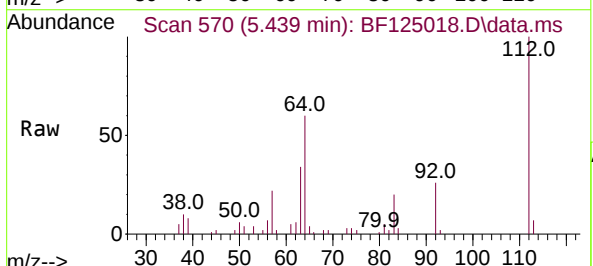
Instrument :
BNA_F
ClientSampleID :
ETGI-325

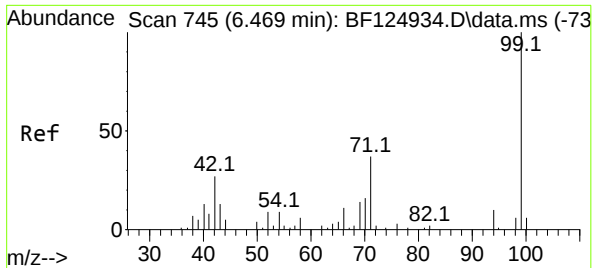
Tgt Ion:152 Resp: 5149
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 85.98 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:112 Resp: 27027
Ion Ratio Lower Upper
112 100
64 59.8 44.2 66.2
63 34.0 26.2 39.2

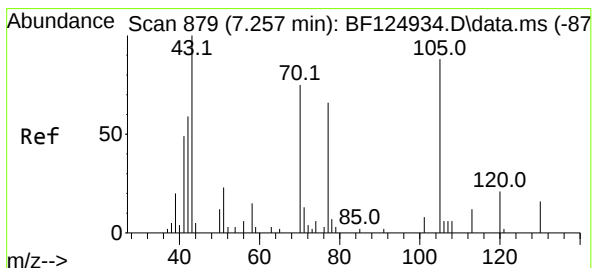
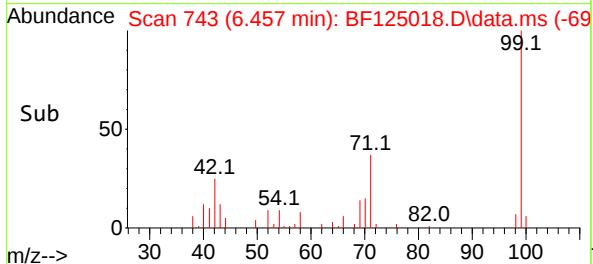
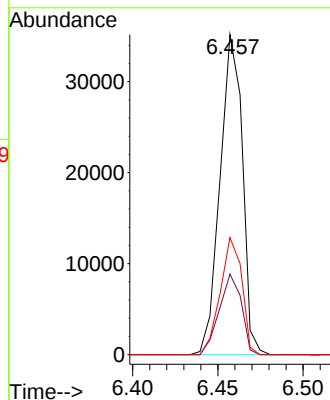
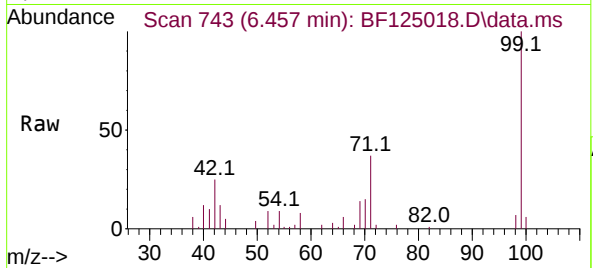




#7
Phenol-d6
Concen: 80.91 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

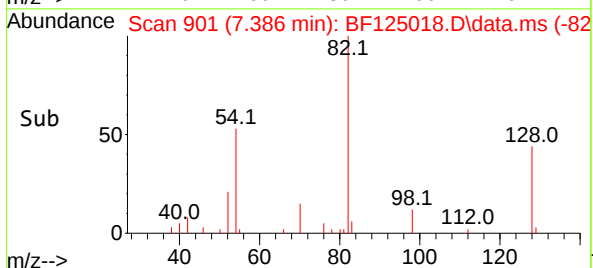
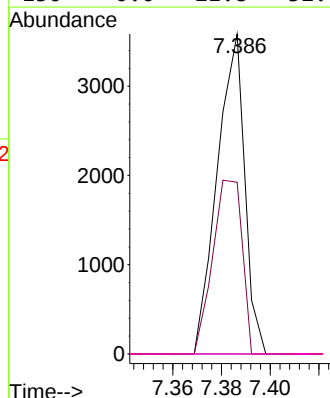
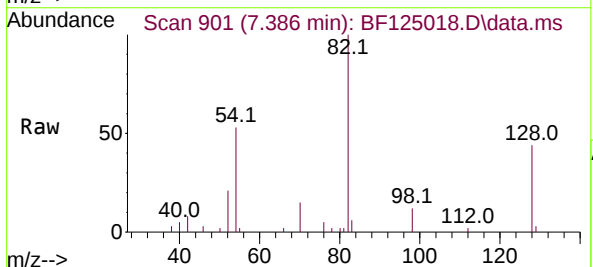
Instrument :
BNA_F
ClientSampleId :
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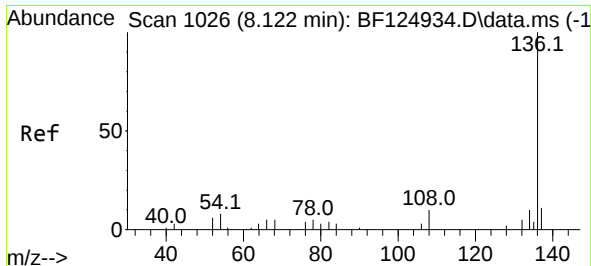
Tgt Ion:	99	Resp:	32067
Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	36.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.95 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:	70	Resp:	2811
Ion	Ratio	Lower	Upper
70	100		
42	53.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

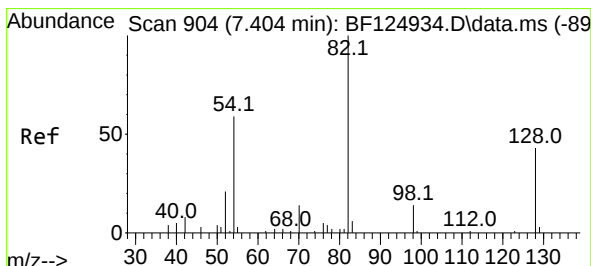
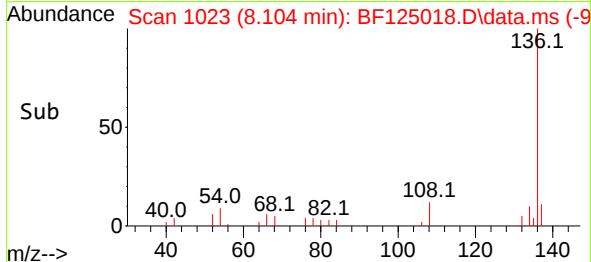
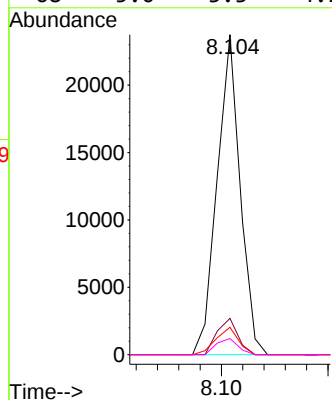
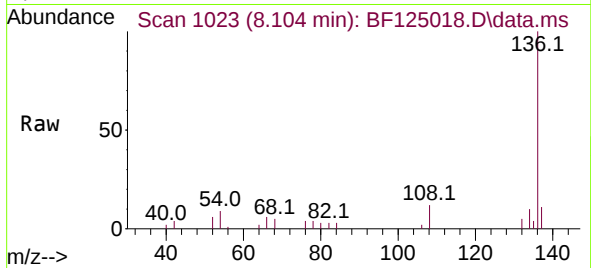




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

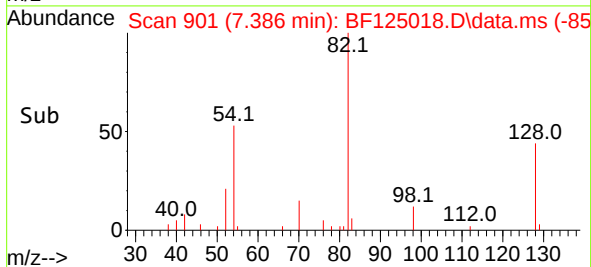
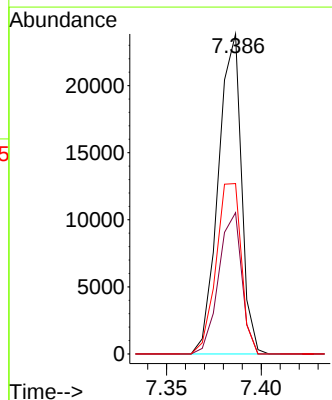
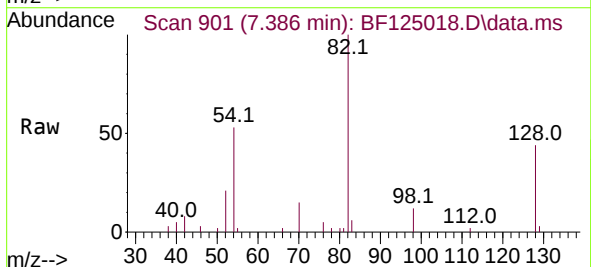
Instrument :
BNA_F
ClientSampleId :
ETGI-325

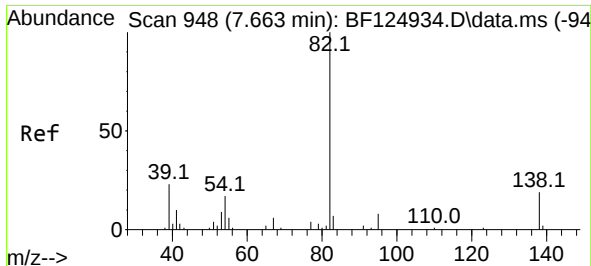
Tgt Ion:136	Resp:	17773
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.8 14.6
54	8.5	6.4 9.6
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.57 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion: 82	Resp:	20239
Ion Ratio	Lower	Upper
82	100	
128	44.2	40.6 60.8
54	53.3	49.6 74.4

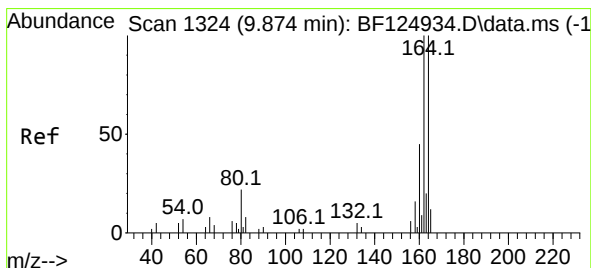
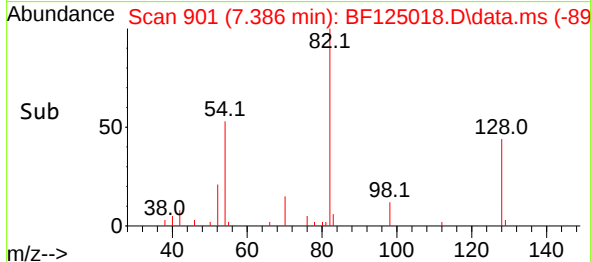
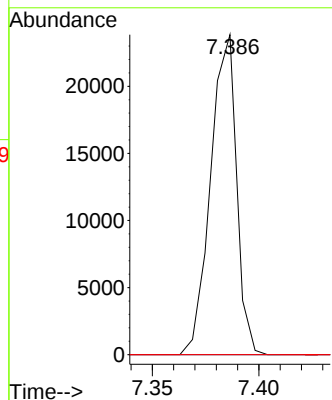
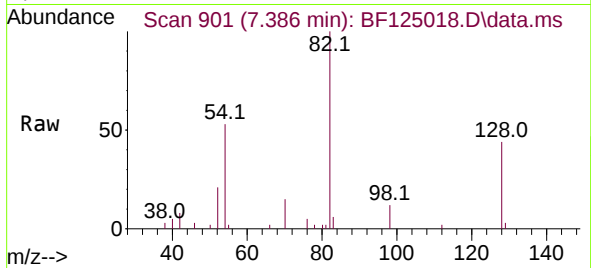




#25
Isophorone
Concen: 34.90 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

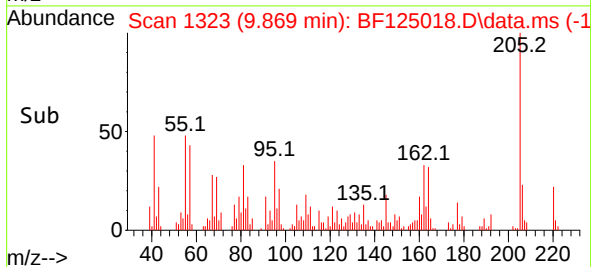
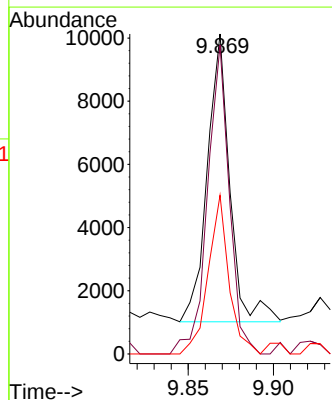
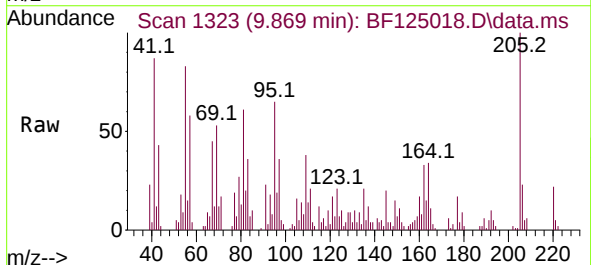
Instrument :
BNA_F
ClientSampleId :
ETGI-325

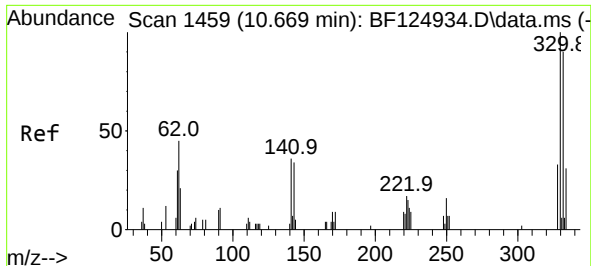
Tgt Ion: 82 Resp: 20238
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion: 164 Resp: 8368
Ion Ratio Lower Upper
164 100
162 96.6 81.3 121.9
160 49.6 38.0 57.0

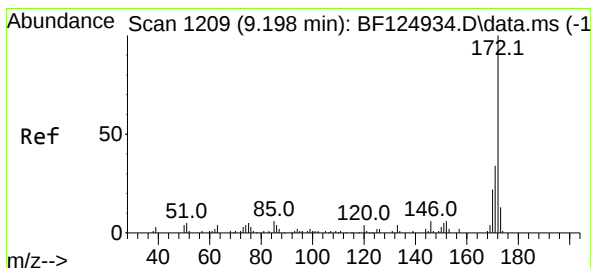
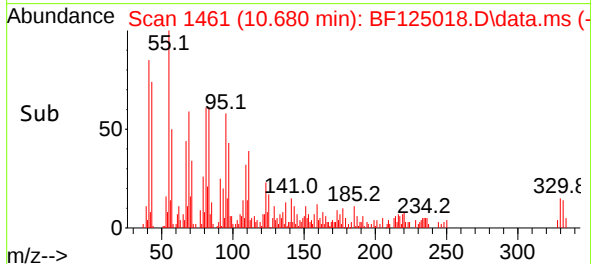
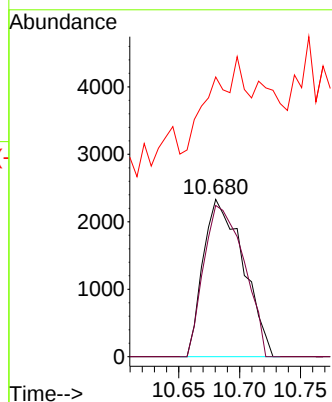
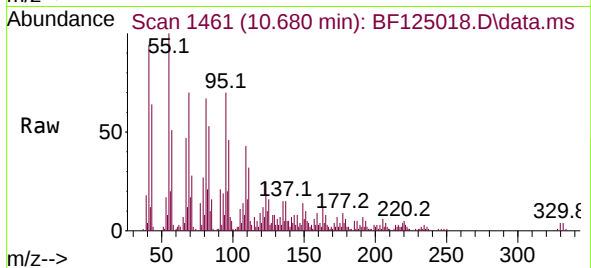




#42
2,4,6-Tribromophenol
Concen: 71.70 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.029 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

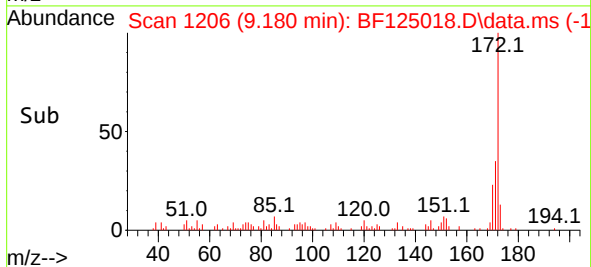
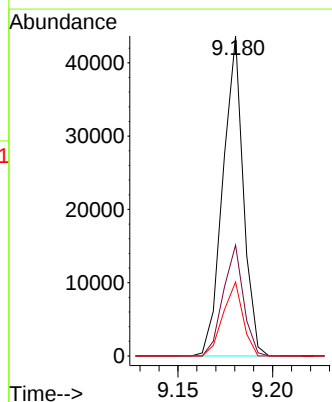
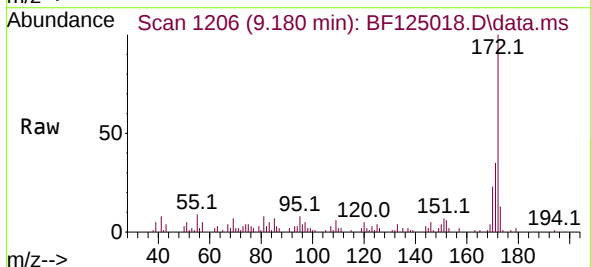
Instrument :
BNA_F
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ETGI-325

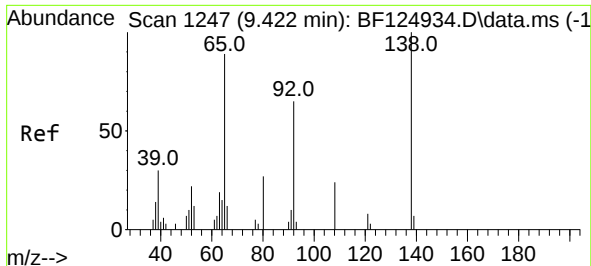
Tgt Ion:330 Resp: 5360
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 55.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 57.13 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:172 Resp: 32670
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.1 18.8 28.2

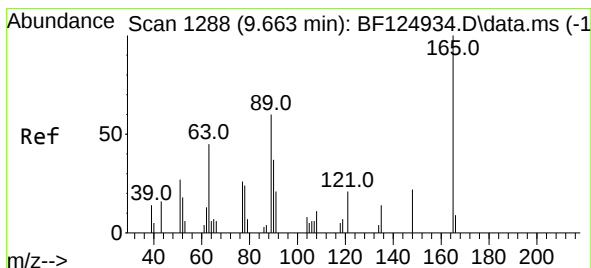
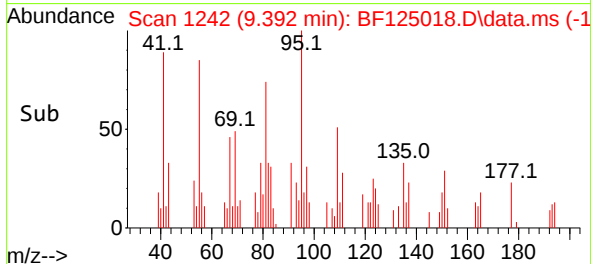
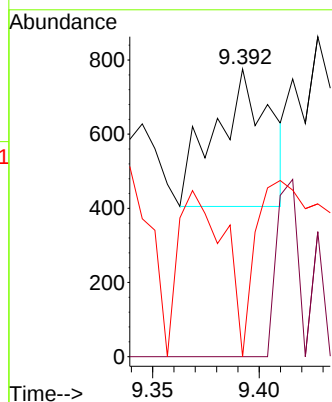
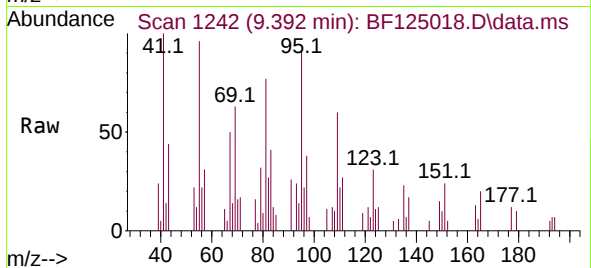




#48
2-Nitroaniline
Concen: 4.49 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.012 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

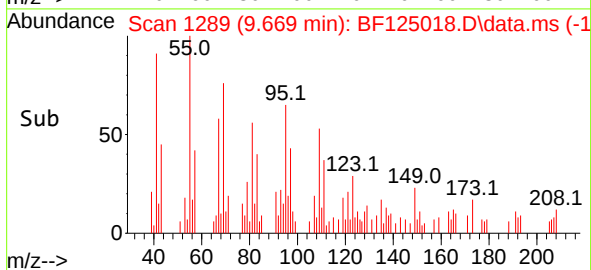
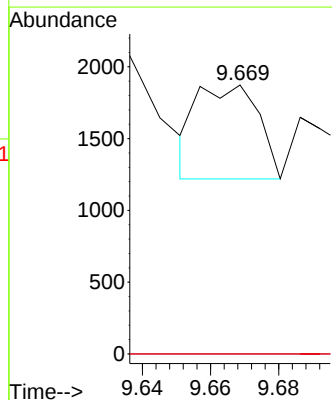
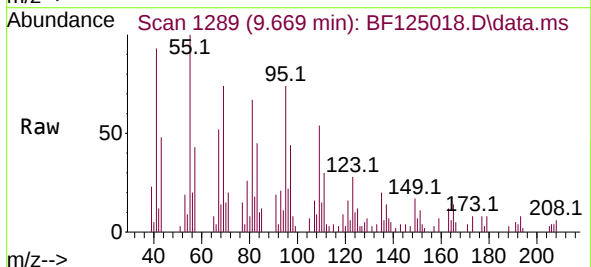
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ClientSampled :
ETGI-325

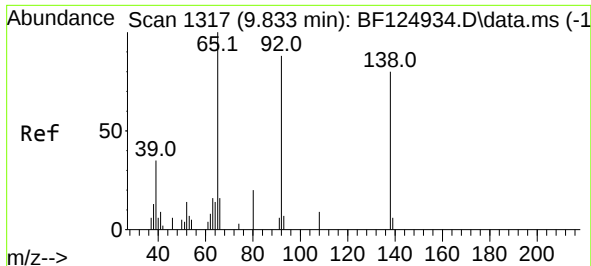
Tgt Ion: 65 Resp: 654
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 6.46 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.024 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion: 165 Resp: 816
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

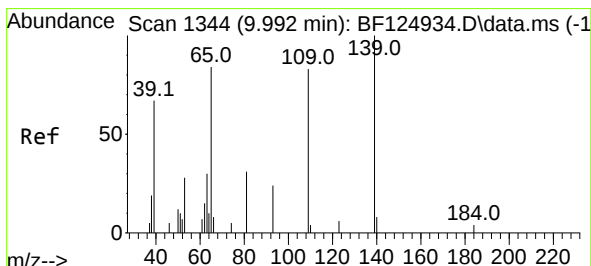
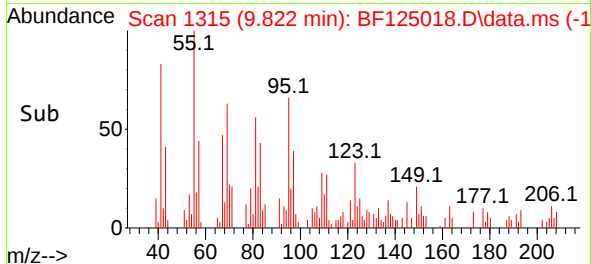
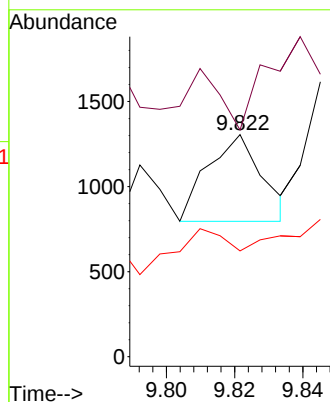
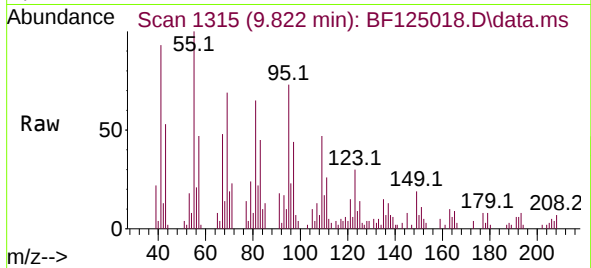




#53
3-Nitroaniline
Concen: 4.24 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

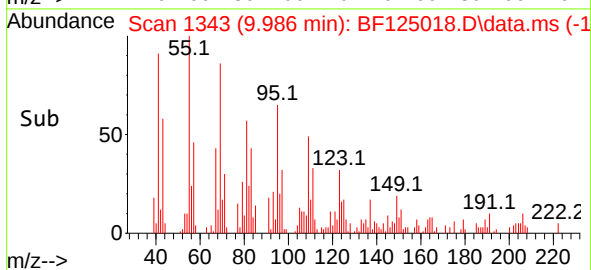
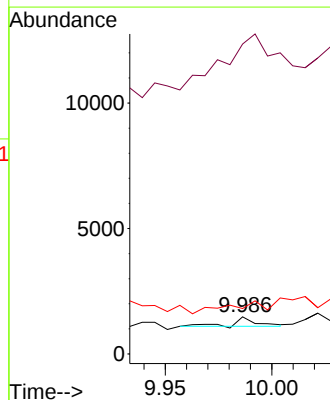
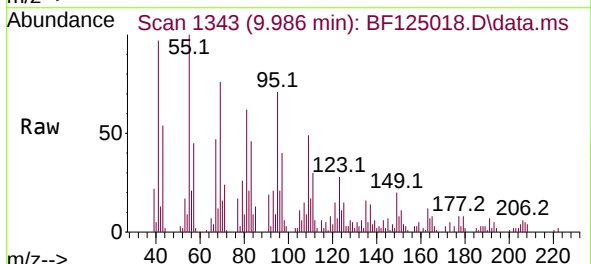
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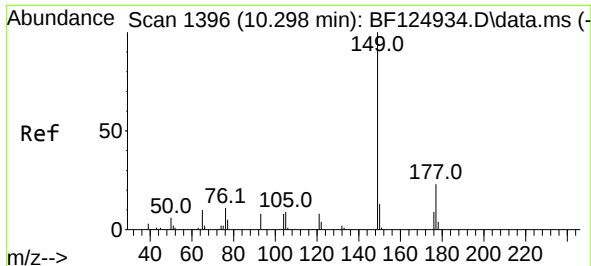
Tgt Ion:138 Resp: 564
Ion Ratio Lower Upper
138 100
108 102.1 9.3 13.9#
92 47.6 76.5 114.7#



#56
4-Nitrophenol
Concen: 3.30 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:139 Resp: 289
Ion Ratio Lower Upper
139 100
109 834.7 60.4 100.4#
65 122.3 58.4 98.4#

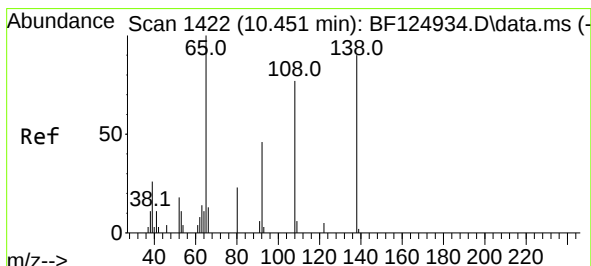
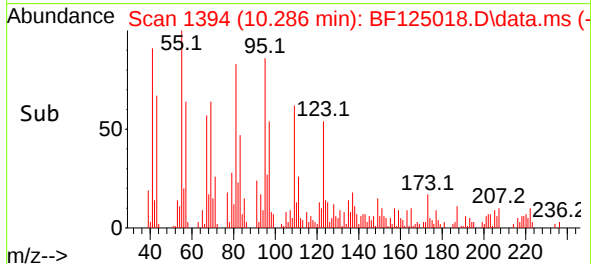
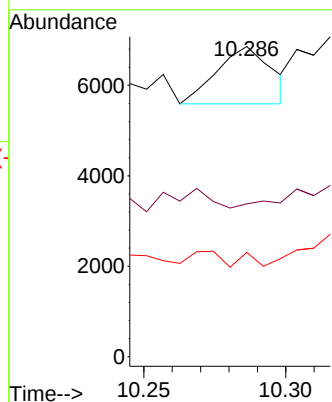
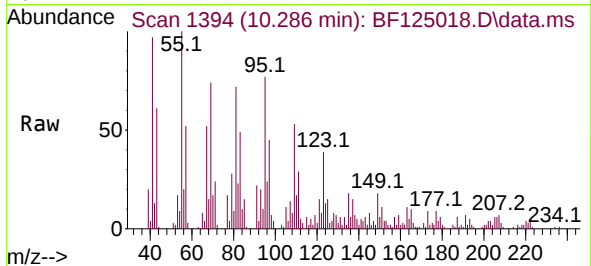




#60
Diethylphthalate
Concen: 2.91 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

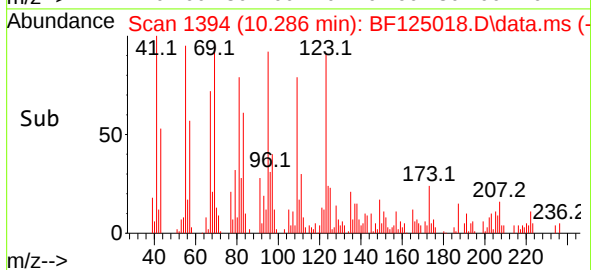
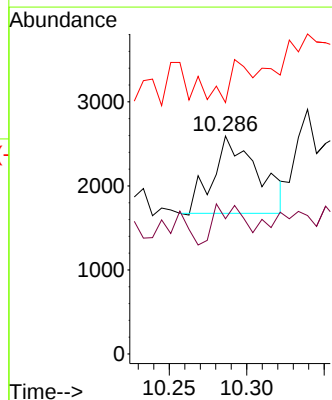
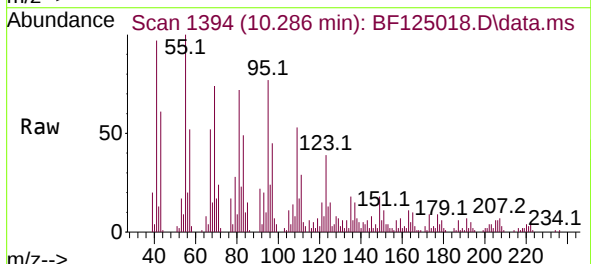
Instrument :
BNA_F
ClientSampled :
ETGI-325

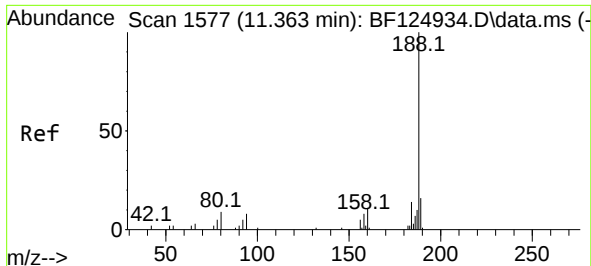
Tgt Ion:149 Resp: 1692
Ion Ratio Lower Upper
149 100
177 49.2 16.5 24.7#
150 33.6 10.1 15.1#



#62
4-Nitroaniline
Concen: 14.38 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.147 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:138 Resp: 1857
Ion Ratio Lower Upper
138 100
92 62.0 29.6 69.6
108 115.3 78.1 118.1

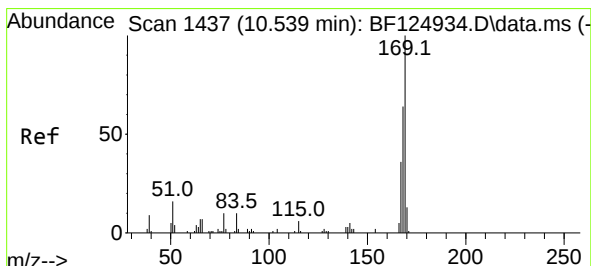
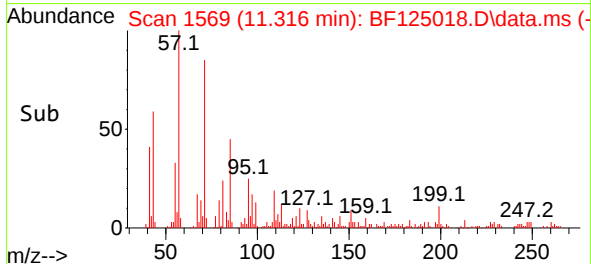
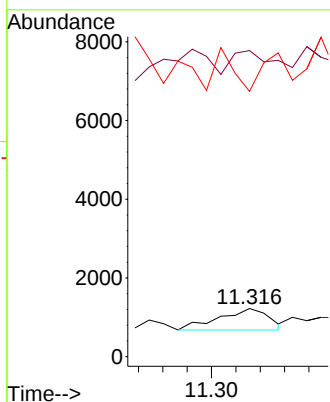
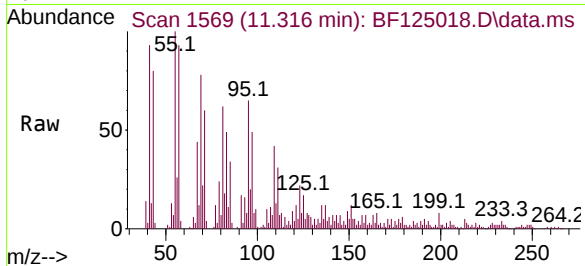




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.029 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

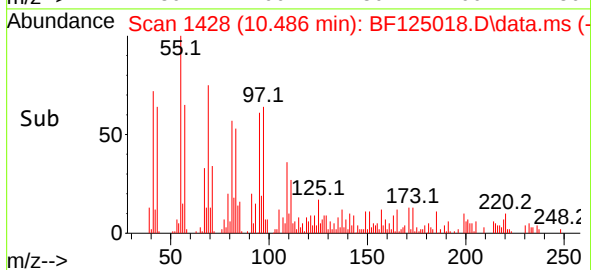
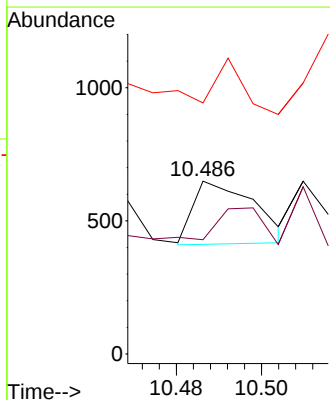
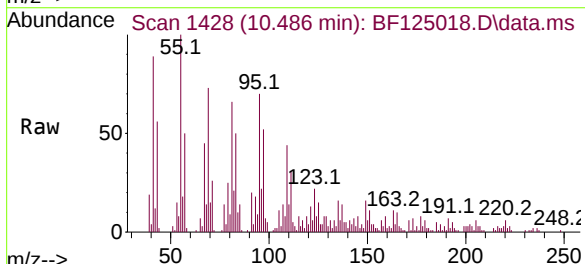
Instrument :
BNA_F
ClientSampleId :
ETGI-325

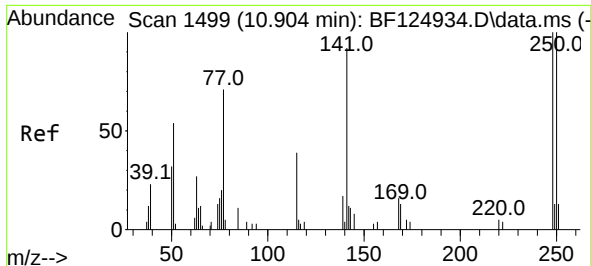
Tgt Ion:188 Resp: 782
Ion Ratio Lower Upper
188 100
94 636.0 6.7 10.1#
80 551.1 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 9.23 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.035 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:169 Resp: 234
Ion Ratio Lower Upper
169 100
168 66.1 50.8 76.2
167 145.3 28.8 43.2#

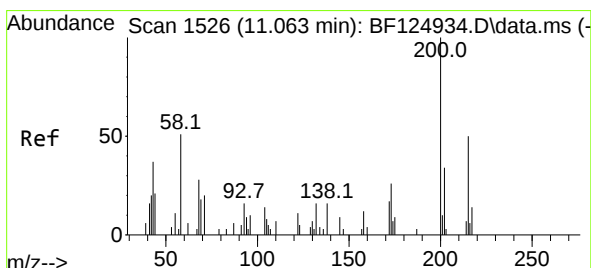
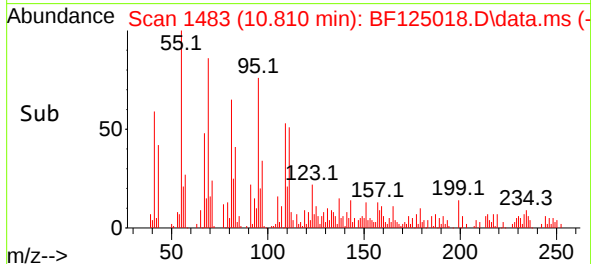
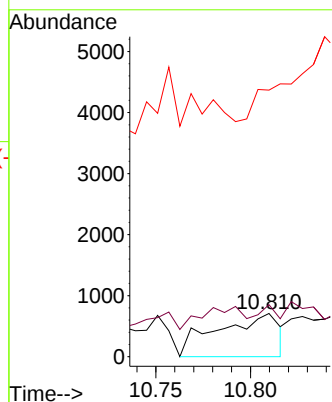
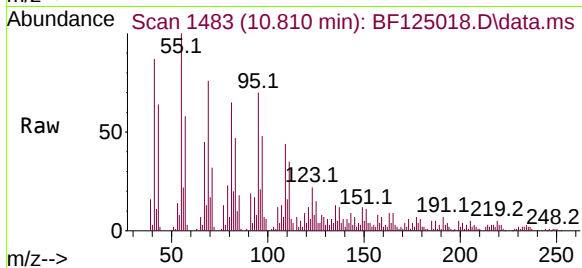




#67
4-Bromophenyl-phenylether
Concen: 185.99 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.076 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

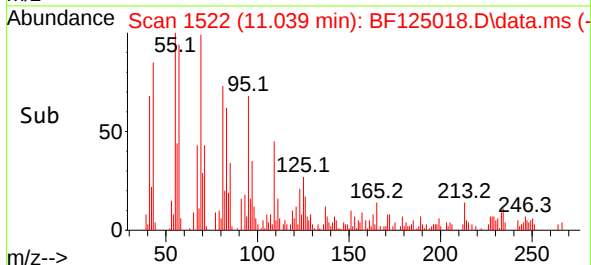
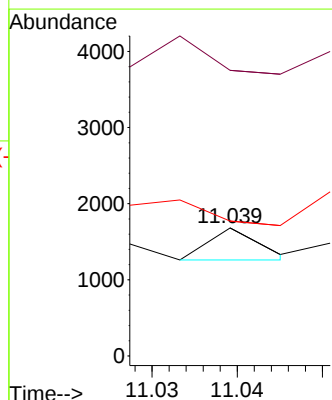
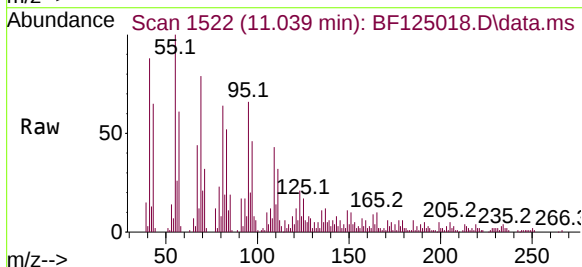
Instrument :
BNA_F
ClientSampleId :
ETGI-325

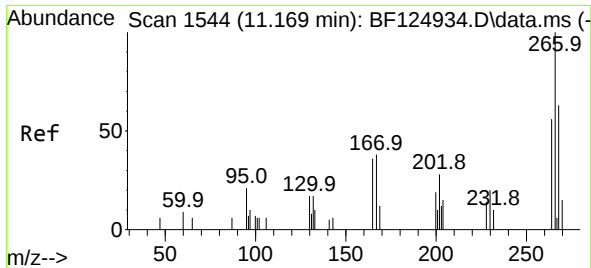
Tgt Ion:248 Resp: 1593
Ion Ratio Lower Upper
248 100
250 120.3 74.2 111.4#
141 616.9 60.4 90.6#



#69
Atrazine
Concen: 22.85 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:200 Resp: 174
Ion Ratio Lower Upper
200 100
173 223.1 11.1 51.1#
215 105.4 22.7 62.7#

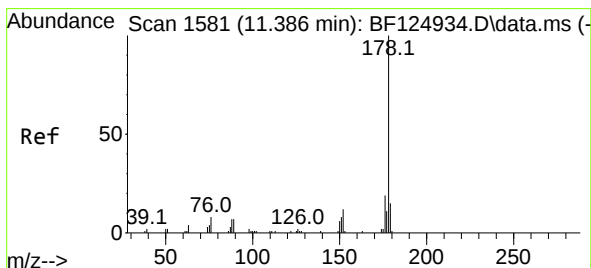
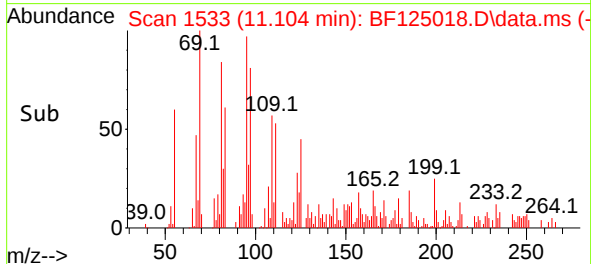
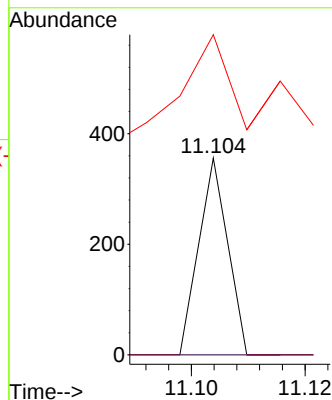
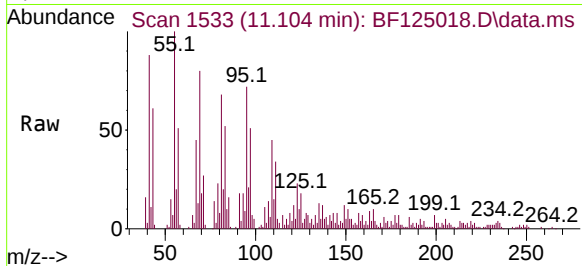




#70
 Pentachlorophenol
 Concen: 30.91 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. -0.047 min
 Lab File: BF125018.D
 Acq: 10 Aug 2021 00:18

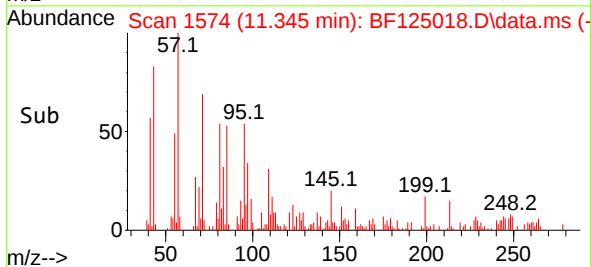
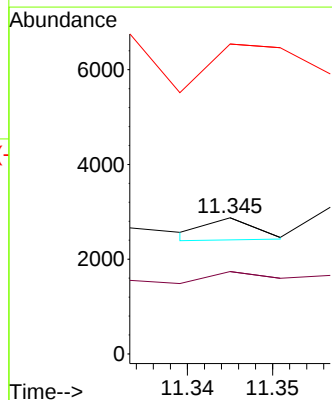
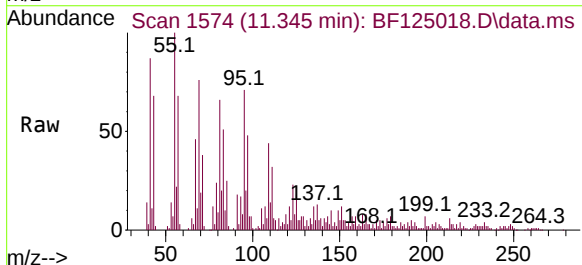
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-325

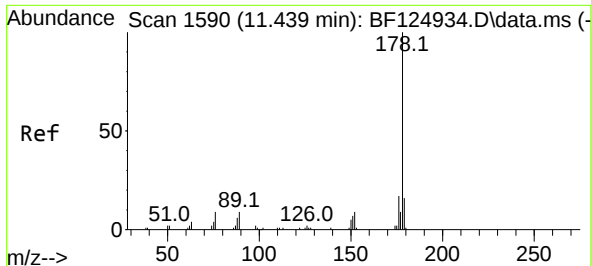
Tgt Ion:266 Resp: 126
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.9 73.3#
 264 162.6 55.9 83.9#



#71
 Phenanthrene
 Concen: 4.34 ng
 RT: 11.345 min Scan# 1574
 Delta R.T. -0.023 min
 Lab File: BF125018.D
 Acq: 10 Aug 2021 00:18

Tgt Ion:178 Resp: 184
 Ion Ratio Lower Upper
 178 100
 176 60.5 14.7 22.1#
 179 227.6 11.5 17.3#

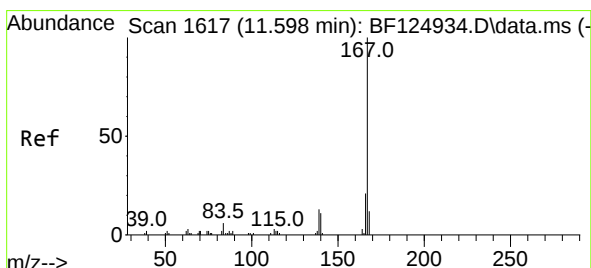
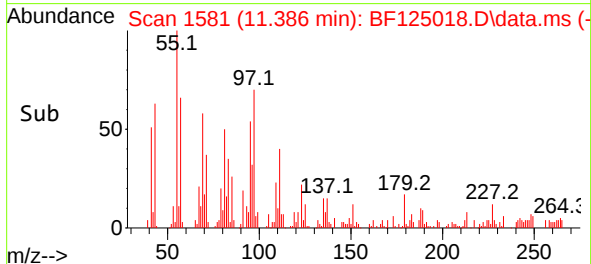
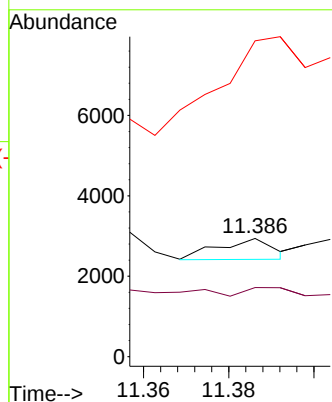
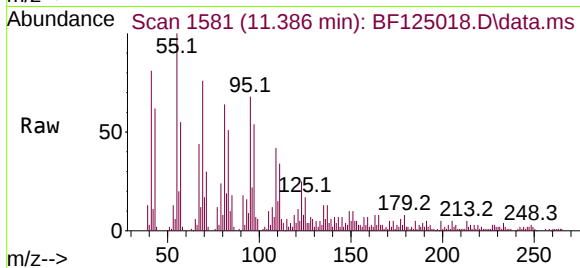




#72
 Anthracene
 Concen: 11.02 ng
 RT: 11.386 min Scan# 1581
 Delta R.T. -0.035 min
 Lab File: BF125018.D
 Acq: 10 Aug 2021 00:18

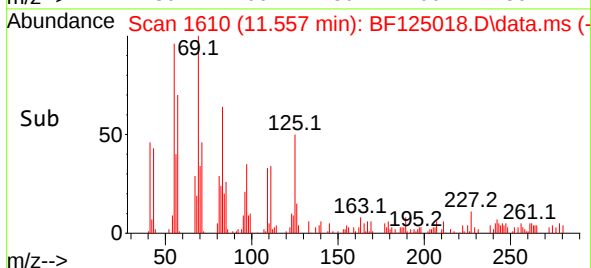
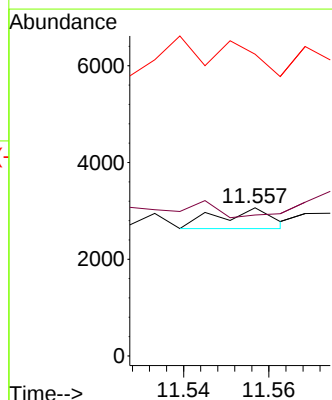
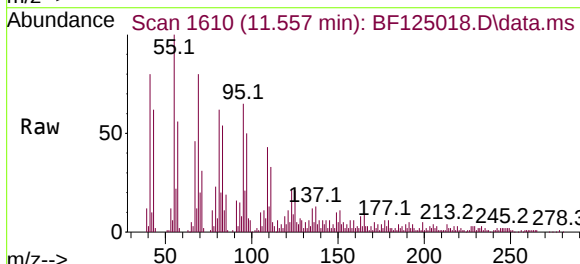
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-325

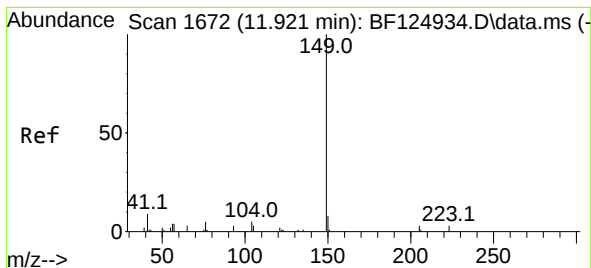
Tgt Ion:178 Resp: 469
 Ion Ratio Lower Upper
 178 100
 176 58.5 14.3 21.5#
 179 267.0 12.2 18.4#



#73
 Carbazole
 Concen: 9.74 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.023 min
 Lab File: BF125018.D
 Acq: 10 Aug 2021 00:18

Tgt Ion:167 Resp: 380
 Ion Ratio Lower Upper
 167 100
 166 95.2 17.4 26.0#
 139 203.7 11.0 16.4#

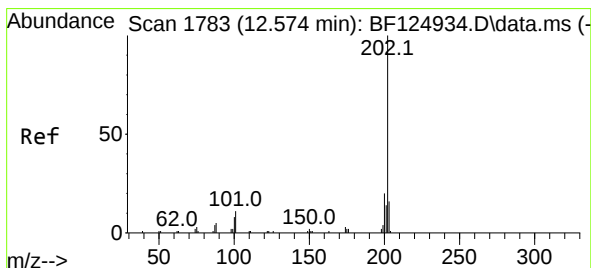
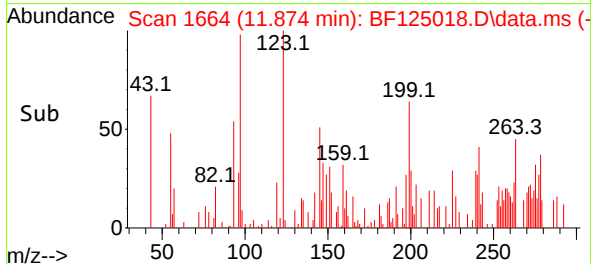
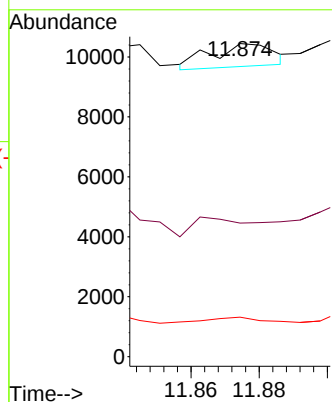
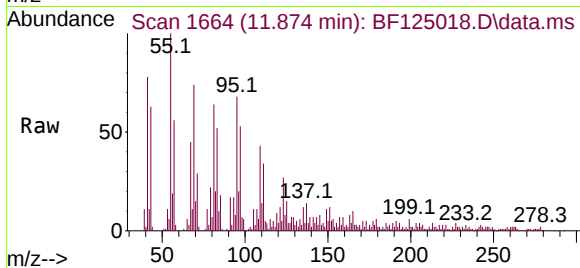




#74
Di-n-butylphthalate
Concen: 19.90 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.029 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

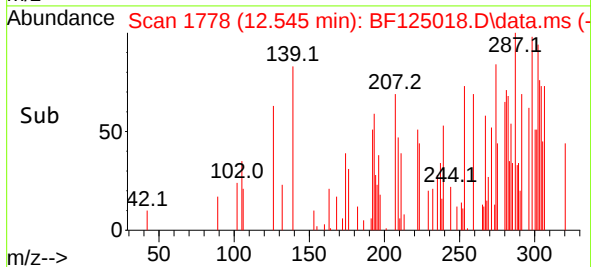
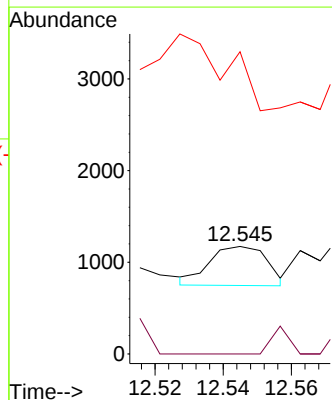
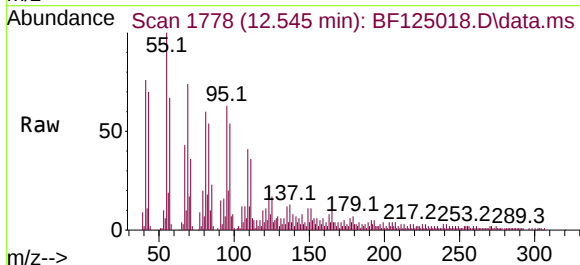
Instrument :
BNA_F
ClientSampleId :
ETGI-325

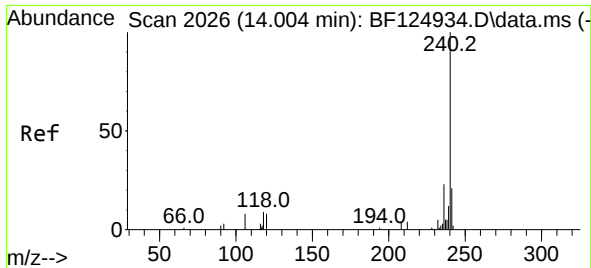
Tgt Ion:149 Resp: 987
Ion Ratio Lower Upper
149 100
150 42.6 7.4 11.2#
104 12.6 4.1 6.1#



#75
Fluoranthene
Concen: 11.28 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:202 Resp: 495
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 281.1 0.0 36.3#

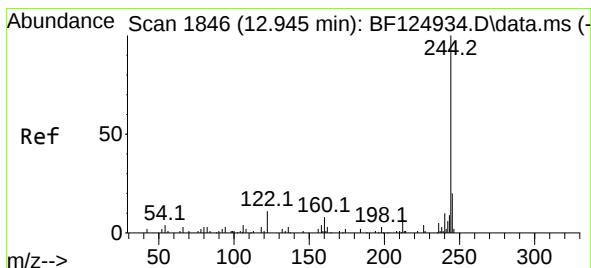
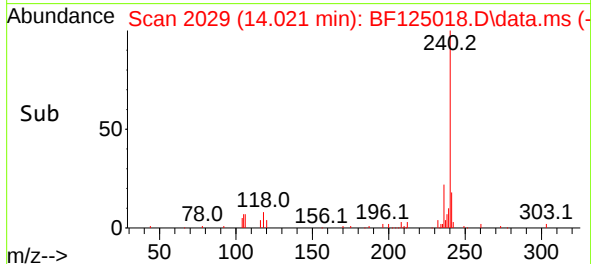
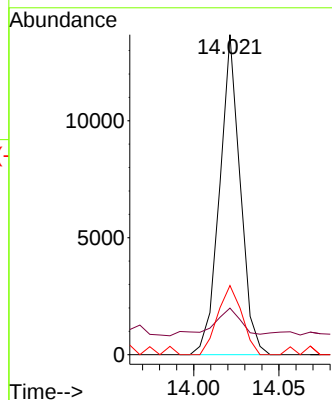
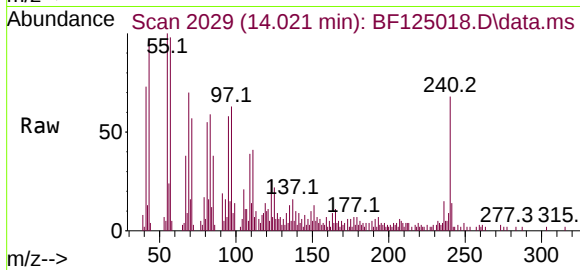




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.035 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

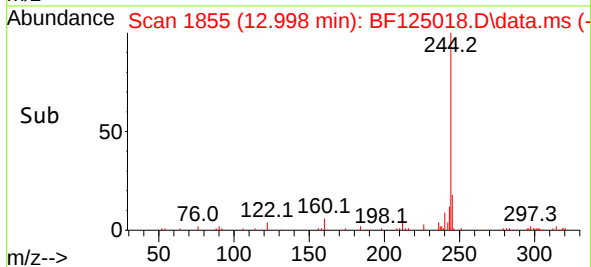
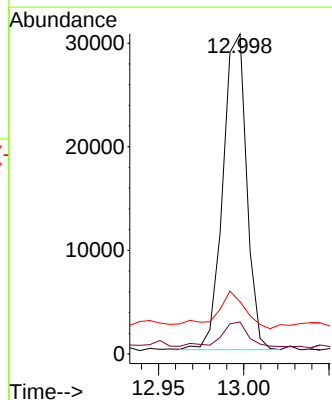
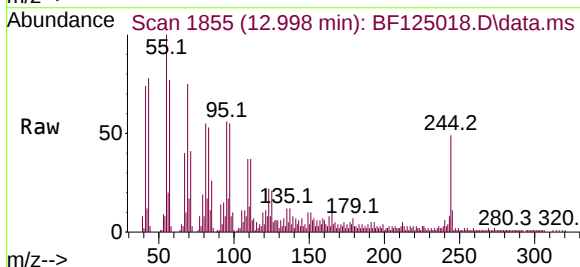
Instrument :
BNA_F
ClientSampleId :
ETGI-325

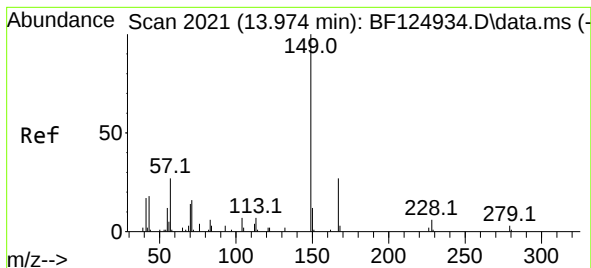
Tgt Ion:240	Resp:	11513
Ion Ratio	Lower	Upper
240	100	
120	14.5	10.8 16.2
236	21.6	21.6 32.4



#79
Terphenyl-d14
Concen: 43.18 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.071 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:244	Resp:	29474
Ion Ratio	Lower	Upper
244	100	
212	10.0	5.9 8.9#
122	16.3	9.0 13.4#

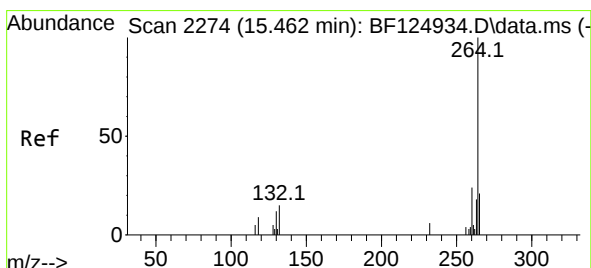
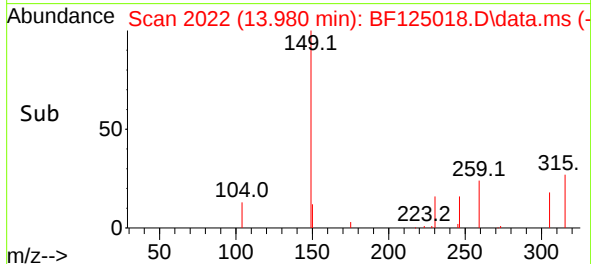
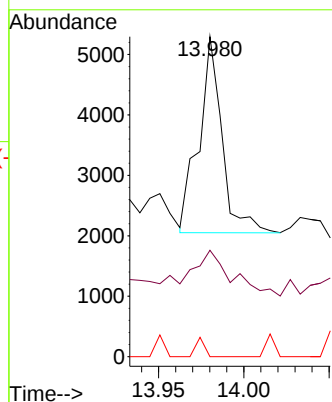
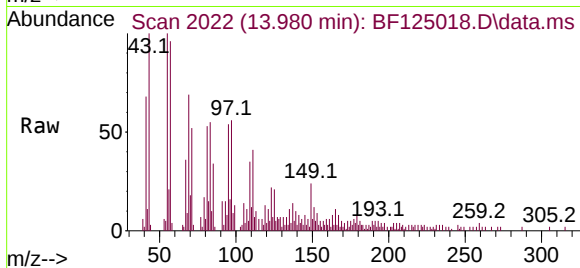




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.49 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.024 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Instrument :
BNA_F
ClientSampleId :
ETGI-325

Tgt Ion:149 Resp: 3073
Ion Ratio Lower Upper
149 100
167 33.3 21.4 32.0#
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.018 min
Lab File: BF125018.D
Acq: 10 Aug 2021 00:18

Tgt Ion:264 Resp: 8090
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 21.0 17.2 25.8

